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(71) Applicant (for all designated States except US): VISION
RT LIMITED [GB/GB]; 5 Broadlands Close, London, N6
4AF (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): SMITH, Norman,
Ronald [GB/GB]; Vision RT Limited, 5 Broadlands Close,

London, N6 4AF (GB). MEIR, Ivan, Daniel [GB/GB];
Vision RT Limited, 5 Broadlands Close, London, N6 4AF
(GB). HALE, Gideon, Matthew [GB/GB]; 23 Lomond
Close, Oakley, Basingstoke, Hampshire, RG23 7NA (GB).

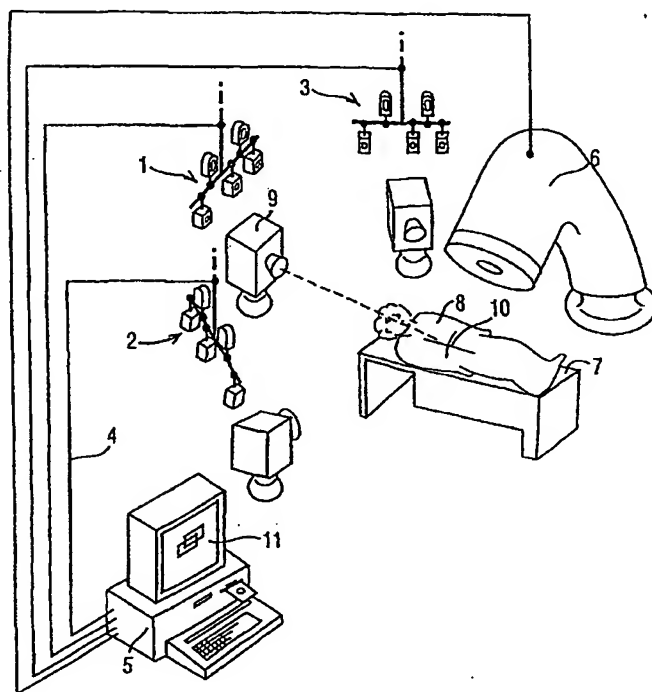
(74) Agents: BERESFORD, Keith, Denis, Lewis et al.; Beres-
ford & Co., 2-5 Warwick Court, High Holborn, London
WC1R 5DH (GB).

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(54) Title: IMAGE PROCESSING SYSTEM FOR USE WITH A PATIENT POSITIONING DEVICE



(57) Abstract: Three camera
rigs (1, 2, 3) are connected by
wiring (4) to a computer (5). The
computer (5) is also connected
to a treatment apparatus (6). A
mechanical couch (7) is provided as
part of the treatment apparatus (6)
such that under the control of the
computer (5) the relative positions
of the mechanical couch (7) and
the treatment apparatus (6) may be
varied. The camera rigs (1, 2, 3)
obtain video images of a patient (8)
lying on the mechanical couch (7) the
computer (5) processes these images
to generate a three-dimensional
model of the surface of the patient
which is utilised to position the
patient relative to the treatment
apparatus (6).

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